

Table of Accomplishments	
Activity	Accomplishment
Reactor Oversight Process	The staff and the industry completed the initial implementation and conducted an evaluation of the ROP. Based on its assessment of stakeholder feedback and the results and lessons learned from initial implementation, the staff has developed a much greater level of confidence that the ROP has met the Commission's direction to develop an oversight process that is more objective, risk-informed, understandable, and predictable.
Risk-Based Performance Indicators	The staff issued a report on the first phase of its efforts to develop a new set of performance indicators, if appropriate, for the ROP.
Guidance for risk-informed licensing basis changes	The staff issued a Regulatory Issue Summary that advised the industry of staff guidance for applying risk-informed decisionmaking in the review of non-risk-informed license amendment requests.
Special Treatment Requirements	The staff issued a safety evaluation approving exemptions to certain existing special treatment requirements to the licensee for South Texas. This review was considered to be a "proof-of-concept" prototype for rulemaking.
10 CFR Part 50.44	The staff completed a detailed technical review that provided the basis for proposed risk-informed changes to the rule. The improved realism supports the agency's decision to eliminate requirements to have equipment that is not important to safety.
PRA Quality	The staff has been working closely with ASME, ANS, NFPA, and NEI to develop standards for PRA quality and PRA review. Since the October version of the RIRIP, the final fire PRA standard was issued by NFPA, ASME issued a revised standard on internal events for public comment, a draft PRA standard on external hazards was released by ANS for public comment, and NEI published draft guidance for the peer review of PRAs.
10 CFR Part 50.46	The staff completed a study that concluded that it is feasible to risk-inform the technical requirements of 10 CFR 50.46 and associated rules. The proposed alternative reliability requirements are more consistent with the likelihood that the equipment will be needed. Also, the proposed alternative requirement reflects the current improved understanding of the conditions under which the equipment must function and makes the requirements less prescriptive and more performance-based.
Risk-Informed Technical Specifications	The staff completed reviews of industry proposals to modify requirements related to surveillance requirements and preferred end states.
10 CFR Part 73.55	The staff developed a proposed rule that would risk-inform the target sets for licensee's security programs.
RIRIP communication	Since publishing the last version of the RIRIP in October 2000, the staff briefed the ACRS/ACNW on the RIRIP, made the plan available on the NRC website, issued the RIRIP for public comment, and held public workshops to solicit input on the RIRIP. Stakeholder communication efforts continued as part of specific implementation activities.
NMSS Risk Case Studies	In its efforts to test the draft screening criteria for identifying NMSS regulatory applications amenable to being risk-informed, and to develop safety goals for the materials and waste safety arenas, staff began implementation of a case study approach in November 2000. All eight case studies were initiated, and six stakeholder workshops were held to present preliminary results and solicit feedback and input.
NMSS Risk Training Program	NMSS developed and implemented the Tier I and Tier II risk training courses, presenting the courses to NMSS management and staff eight times between October 2000 and July 2001. Also, staff solicited division-level training needs and began development of Tier III courses. Staff has offered several Tier III courses during the same time period.

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NMSS Risk Communication plan	In December 2000, NMSS completed the "Communication Plan for Risk Informing Materials and Waste Regulations." The Communication Plan describes NMSS' plan for communicating risk information to internal and external stakeholders. The purpose of the plan is (1) to communicate, to external stakeholders, the major points of the program to risk inform materials regulations, in order to increase public confidence, and (2) to communicate, within the NRC, the NMSS Risk Task Group's activities, to increase understanding and acceptance of NMSS's risk-informing efforts and to assist NMSS staff in communicating risk-related information to external stakeholders.
Irradiator Risk Study	In evaluating the Petition for Rulemaking (PRM-36-1) regarding the attendance requirements during irradiator operation, the staff performed a specific risk study based on NUREG/CR-6642 and analyzed the potential risk impacts due to the presence or absence of onsite attendance. In addition, the staff applied the screening criteria and have determined this rulemaking to be amenable to a risk informed regulation. Using the risk analysis results as the basis, the staff is currently preparing a draft rulemaking plan to amend Part 36 attendance requirements using a risk-informed approach.
Materials Program Review: Phase I	NMSS is using a multi-phased approach to examine the regulatory issues surrounding licensing, inspecting, rulemaking, and NRC jurisdiction of byproduct material. In Phase I, the Mallinckrodt Lessons Learned Task Group Report (November 14, 2000) provided to NMSS a set of recommendations for inspection and licensing procedures for radiochemical and radiopharmaceutical manufacturers and for radiopharmacies; training for inspectors and license reviewers; rulemaking for certain complex, high risk facilities; and more timely distribution of risk information to NRC materials inspectors.
Materials Program Review: Phase II	The Phase II Task Group convened in January 2001. The Phase II Task Group is conducting a broad, independent review of the entire NMSS byproduct materials program. Where possible, the Phase II review will obtain risk information for streamlining inspection, licensing, and rulemaking processes to improve efficiency and effectiveness and help control or reduce user fees charged to materials licensees. The Phase II report is dated August 2001.
Medical Pilot Program	The Medical Pilot Program, which began in June 2000, was completed in June 2001.
Part 70 Integrated Safety Analyses	In accordance with the recently revised 10 CFR Part 70, each licensee has submitted a plan for conducting its Integrated Safety Analysis (ISA) for NRC staff review. The staff is also reviewing two process-specific ISA Summaries submitted as license amendment requests. With much stakeholder involvement, significant progress has been made in finalizing the 10 CFR Part 70 Standard Review Plan. Consensus with stakeholders was reached on Chapter 11, "Management Controls," in December 2000, and the staff and stakeholders are currently working to finalize Chapter 3, "Integrated Safety Analysis (ISA) and ISA Summary," after which the NRC will issue the SRP in final form.
Fuel Cycle Oversight Revision Project	In November 2000, the staff provided the Commission a status report (SECY-00-0222) on the fuel cycle oversight revision project, which was followed by a Commission briefing in December. Staff has continued to work with stakeholders, and has held public meetings both at NRC headquarters and near several fuel cycle licensees. Progress has been made with stakeholders in more clearly defining the outputs of this project, the cornerstones in the safeguards performance areas, and the role of corrective actions in the oversight process. In the near-term, the staff intends to revise the guidance for fuel cycle inspections, enforcement, and licensee performance assessments. The fuel cycle facility oversight process will evolve in a more risk-informed direction over the next several years commensurate with the implementation of the recent revisions to Part 70.
In-situ Leach Risk Study	In June 2001, staff completed an evaluation of the risks associated with in-situ leach (ISL) uranium extraction facilities, documenting the evaluation in NUREG/CR-6733. The study also evaluated whether regulatory oversight of specific aspects of ISL operations should be increased or decreased, commensurate with risk. The findings are being reviewed to determine which areas of the process should have more oversight and which can tolerate less, without compromising safety (risk-informing licensing and inspection).

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Decommissioning Guidance Consolidation	The Decommissioning Guidance Consolidation Project is reviewing and consolidating existing decommissioning guidance, updating and risk-informing the guidance, as appropriate, in the process. Staff held a public workshop in June 2001 to solicit feedback from the public and stakeholders on the project. Also, staff convened the Volume 1 writing team in June 2001.